

Los Angeles Regional Water Quality Control Board

Eric Lopez
Tidelands Capital Improvement Program
City of Long Beach
333 West Ocean Boulevard, 9th Floor
Long Beach, CA 90802

AMENDMENT OF TECHNICALLY CONDITIONED WATER QUALITY CERTIFICATION FOR THE PROPOSED COLORADO LAGOON RESTORATION AND MITIGATION BANK PROJECT (Corps' Project No. 2013-00656-BLR), COLORADO LAGOON, CITY OF LONG BEACH, LOS ANGELES COUNTY (File No. 14-100)

Dear Officer Lopez:

We are in receipt of your notification on May 13, 2016 requesting modification of your Technically Conditioned Section 401 Water Quality Certification for the subject project issued on June 18, 2015 (Certification).

The City of Long Beach is requesting to remove the text in Item 17, Attachment A, of the Certification which addresses the automatic systems (AS) for monitoring turbidity because the City of Long Beach proposes, now, to conduct manual monitoring by trained personnel. Such personnel will use portable sondes, an economical method which provides reliable water quality data.

In response to your request, under Attachment A, Item 17 "Avoidance/ Minimization Activities" under the Water Quality Section, will read (~~strike-out text is removed, underlined text is added~~):

17. Avoidance/
Minimization
Activities:

The Applicant has proposed to implement several Best Management Practices (BMPs), including, but not limited to, the following:

Water Quality

- Prior to issuance of demolition and grading permits, the Applicant will demonstrate to the City that coverage has been obtained under the Construction NPDES Permit by providing a copy of the Notice of Intent (NOI) submitted to the State Water Resources Control Board (SWRCB) and a copy of the subsequent notification of the issuance of a Waste Discharge Identification (WDID) number to the City Building Official.

- Prior to issuance of a grading permit, the Applicant will ensure that construction plans for the project include features meeting the applicable construction activity best management practices (BMPs) and erosion and sediment control BMPs published in the California Storm water BMP Handbook—Construction Activity or equivalent.
- The Applicant will submit a Storm Water Pollution Prevention Plan (SWPPP), in part to reduce the discharge of pollutants to the maximum extent practicable using BMPs, control techniques and systems, design and engineering methods, and such other provisions as appropriate.
- The SWPPP will be prepared by a civil or environmental engineer and approved by the City Building Official prior to the issuance of any grading or building permits.
- A copy of the SWPPP will be kept at the project site.
- The Applicant will inspect BMP facilities before and after every rainfall event predicted to produce observable runoff and at 24-hour intervals during extended rainfall events, except on days when no ongoing site activity takes place.
- Pre-storm activities will include inspection of the major storm drain grate inlets and examination of other on-site surface flow channels and swales, including the removal of any debris that blocks the flow path.
- Post-storm activities will include inspection of the grate inlets for evidence of unpermitted discharges.
- Inspections will be scheduled monthly during the dry season and weekly during the wet season for the duration of project construction or until all areas are revegetated.
- During cleaning or clearing the culvert will be opened once every two weeks during the period of the greatest tidal fluctuations for two to three consecutive days to allow for maximum tidal exchange between Marine Stadium and Colorado Lagoon.
- The tidal exchange will occur during spring tides, if feasible, to allow for exchange during the period of greatest

tidal fluctuation to achieve maximum water quality benefit.

- If tidal exchange during spring tides is not feasible due to erosion, flooding, or other engineering reasons, an alternative tidal exchange regime will be implemented by the Applicant.
- In addition to the tidal regime two subsurface aeration systems will be installed and utilized during construction activities that will also close off the tidal flow of the culvert.
- The use of silt screen around each end of the culvert will be implemented during culvert flushing to minimize sediment and turbidity impacts to the adjacent receiving waters.
- The Applicant will monitor bacteria levels in the Colorado Lagoon on a daily basis during cleaning of the culvert and during construction of the open channel in order to ensure the integrity of the water is maintained for swimming in Colorado Lagoon during construction activities associated with the culvert and open channel.
- If water quality impacts the beneficial use (REC-1, REC 2) water quality standards, the Applicant will close the beach if necessary.
- Prior to grading activities, if groundwater dewatering will be necessary during project construction the Applicant will maintain compliance with the Waste Discharge Requirement for Discharges of Groundwater from Construction and Project Dewatering to Surface Waters in Coastal Watersheds of Los Angeles and Ventura Counties (Order No. R4-2003-0111, NPDES No. CAG994004), or subsequent permit.
- Compliance will include a Report of Waste Discharge (ROWD) and an application for coverage under the permit to the Los Angeles Regional Water Quality Control Board at least 45 days prior to the start of dewatering and compliance with all applicable provisions in the permit, including water sampling, analysis, and reporting of dewatering related discharges.
- During dredging, the Applicant will require any contractor or employees to follow measures to control dispersion of

contaminated sediments.

- Equipment used for dredging will be modified or specifically designed to control the dispersion of sediments.
- The Applicant will require any contractor or any employee to implement specific measures as required by the United States Army Corps of Engineers (Corps), Regional Water Quality Control Board (Regional Board), and other regulatory agencies during the process.
- ~~Automatic systems (AS) will monitor the dredging operations with continuous data logging with automated interpretation and adjustments to the dredging operations with real-time feedback to the dredge operator.~~
- ~~AS will monitor turbidity and other water quality conditions in the vicinity of the dredging operations with real-time adjustments by the dredging operators to control temporary water quality effects.~~
- ~~AS measures to be implemented will be in compliance with the Corps, this Regional Board, and other regulatory agencies during the process.~~
- The City will have trained personnel on site daily to oversee all construction activities and will monitor, collect data, and make adjustments should any construction impacts be observed at any time.
- Given the size of Colorado Lagoon and its access constraints, manual water quality monitoring will be performed using small inflatable dinghies or skiffs.
- Water Quality monitoring will be by trained personnel and will provide a reliable and efficient method to demonstrate compliance and determine the need for additional construction BMPs or changes in construction methods.
- Prior to the issuance of any construction permits, the Applicant will verify that BMPs for all dredging activities, including silt curtain(s), have been incorporated into project plans.
- The Applicant will be responsible for performing and documenting the application of all BMPs.

Eric Lopez
Tidelands Capital Improvement Program
City of Long Beach

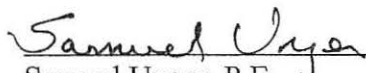
14-100 Colorado Lagoon Restoration

- After construction activities the Applicant will monitor bacteria levels in the Colorado Lagoon on a weekly basis. If water quality exceeds the water contact recreational beneficial use water quality standards, the Applicant will close the beach if necessary.
- The Applicant will review the monitoring data on an annual basis and evaluate the water contact recreational beneficial use of the Lagoon.

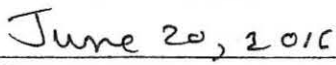
I have determined that the above-proposed modifications do not constitute a significant change in the nature or scope of the activities described for the project in your original application. Therefore, all of the proposed modifications are hereby incorporated into 401 Certification No. 14-100 and no additional action by this agency pursuant to Section 401 of the Clean Water Act is necessary. This determination is limited to the proposed modifications contained in your notification to this Regional Board dated May 13, 2016 and described herein, and does not eliminate the Applicant's responsibility to comply with any other applicable laws, requirements and/or permits.

Should you have questions concerning this certification action, please contact Dana Cole, Section 401 Program, at (213) 576-6759.

Sincerely,



Samuel Unger, P.E.
Executive Officer



Date

Attached: Distribution List



EDMUND G. BROWN JR.
GOVERNOR



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SECRETARY FOR
ENVIRONMENTAL PROTECTION

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